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DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PRIVATIONAL FILING DATE PCTATUS 47892 (23 May 2003) STITLE OF INVENTION SURROGATE CELL GENE EXPRESSION SIGNATURES FOR EVALUATING THE PHYSICAL STATE OF A SUBJECT SUBJEC	TRANSMITTAL LETTER TO THE UNITED STATES	02420/100M850-US1			
INTERNATIONAL APPLICATION NO. POTENTIAN APPLICATION NO. POTENTIAN APPLICATION NO. 24 May 2004 PRIORITY DATE CLAMED 23 May 2003 PATTLE OF INVENTION SURROGATE CELL GENE EXPRESSION SIGNATURES FOR EVALUATING THE PHYSICAL STATE OF A SUBJECT SURPLICATING FOR DOVEOUS Catherine Clelland et al. APPLICATING FOR DOVEOUS Catherine Clelland et al. This is a FIRST submission of Items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of Items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of Items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a is attached hereto (required only if not communicated by the International Bureau). b has been communicated by the International Application as filed (35 U.S.C. 371(c)(2)). a is attached hereto. b has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application as filed (35 U.S.C. 371(c)(2)). a are attached hereto (required only if not communicated by the International Bureau). b have been communicated by the International Bureau. b have not been made and will not be made. An English language translation of the memory of the International Bureau. c have not been made and will not be made. An English language translation of the memory of the International Preliminary Examination Report under PCT Article 19 (35 U.S.C. 371(c)(3)). A na English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). A na English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). A na Computer readable form of the sequence listing in accordance with PCT Rule 13ter 2 and 37 CFR 1.821 – 1.825.	DESIGNATED/ELECTED OFFICE (DO/EO/US)				
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	A power of attorney and/or change of address letter.				
18 A second conv of the published International Application under 35 LLS C 154(d)/4)	17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.				
7. Second copy of the published international reprised to the control of the cont					
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					

PTO-1390 (Rev. 07-2005) Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. 6f known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/US04/16365 10/558,277 02420/100M850-US1 20. X Other items or information: Petition for Extension of Time Under 37 CFR (1 page) The following fees have been submitted CALCULATIONS PTO USEONLY 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)......... 200.00 \$ All other situations \$200 23. x Search fee (37 CFR 1.492(b)) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 100.00 International Searching Authority ... International Search Report prepared by an ISA other than the US and provided to the Office of previously communicated to the US by the IB. All other situations...... .\$500 300.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electroic medium) (37 CFR 1.492(f)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets RATE thereof (round up to a whole number) 322 - 100 = 222 /50 = x \$250.00 1250.00 Surcharge of \$130 for furnishing any of the search fee, examination fee, or the path or declaration 130.00 after the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED NUMBER EXTRA RATE 36 - 20 = 800.00 Total claims 16 50.00 Independent claims 10 - 3 = ¥ 200.00 1,400.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) _ TOTAL OF ABOVE CALCULATIONS = \$ 3.880.00 x Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 1.940.00 Processing fee of \$130,00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). 1,940.00 TOTAL NATIONAL FEE = \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property + \$ TOTAL EEES ENCLOSED = \$ 1,940.00 Amount to be \$ refunded: Amount to be \$ charged

PTO-1300 (Rev. 07-2005)
Approved for use through 3031/2007. OMB 0551-0021
U. S. Patent and Trademank Office; U.S. DEFATMENT OF COMBRECE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid UMS control number.

A check in the amount of \$	to cover the above fees is enclosed.	
Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.
C. X The Commissioner is hereby authorized to charge an	v additional fees which may be requir	ed, or credit any overnayment to Denosit
	copy of this sheet is enclosed.	out of district of the payment to be poor
d. X Fees are to be charged to a credit card. WARNING should not be included on this form. Provide cre	: Information on this form may beco dit card information and authorizatio	me public. Credit card information n on PTO-2038
NOTE: Where an appropriate time limit under 37 CFR 1.4	95 has not been met a netition to	reading (27 CER 1 127(s) or (h)) must be
iled an granted to restore the International Application t	o pending status.	revive (57 CFR 1.157(e) GF (5)) most be
	11.	n 641
SEND ALL CORRESPONDENCE TO:	11 auc	Mostor Etha
	SIGNATURE	
S. Peter Ludwig		
DARBY & DARBY P.C.		
P.O. Box 5257		r Morehouse Ettinger
New York, New York 10150-5257 (212) 527-7770	NAME	
212) 321-1110		
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	REGISTRAT	ON NUMBER



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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS ED. Box 1601. Verbile 27311-1149

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/558,277	Catherine Clelland	02420/100M850-US1
	IN	TERNATIONAL APPLICATION NO.

7278 DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257

CONFIRMATION NO. 8267
371 FORMALITIES LETTER
***C000000020651931**

Date Mailed: 10/02/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- · Indication of Small Entity Status
- Copy of the International Application filed on 11/23/2005
- Copy of the International Search Report filed on 03/01/2006
- Preliminary Amendments filed on 11/23/2005
- Information Disclosure Statements filed on 11/23/2005
- U.S. Basic National Fees filed on 11/23/2005
- Assignment filed on 11/23/2005
- Specification filed on 11/23/2005.
- Claims filed on 11/23/2005
- Abstracts filed on 11/23/2005
- Drawings filed on 11/23/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$3100 as a small entity, including any required multiple dependent claim fee, are
 required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are
 due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$3940 for a Small Entity:

- \$65 Surcharge.
 - The specification and drawings contain more than 100 pages. Applicant owes \$625 for 222 pages in excess of 100 pages for a small entity in compliance with 37 CFR 1.27.
 - The application search fee has not been paid. Applicant must submit \$50 to complete the search fee. Note
 a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h))
 and the basic national fee was not paid before July 1.2005.
 - The application examination fee has not been paid. Applicant must submit \$100 to complete the
 examination fee for a small entity in compliance with 37 CFR 1.27. Note a surcharge will be required if
 submitted later [than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee
 was not oald before July 1.2005.
- . Total additional claim fee(s) for this application is \$ 3100
 - \$1000 for 10 independent claims over 3.
 - \$2100 for 84 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER, FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDOMMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/558,277	PCT/US04/16365	02420/100M850-USI

FORM PCT/DO/EO/905 (371 Formalities Notice)